## Supplemental appendix 2.

Risk of bias of the included observational studies assessing barriers and solutions for cardiac rehabilitation participation.

Author	Representative ness of exposed cohort	Selection of the non-exposed cohort	Ascertainm ent of exposure	Demonstration that outcome of interest was not present at start of study	Comparability of cohorts on the basis of the design of analysis	Assessment of outcome	Was follow- up long enough for outcomes to occur	Adequacy of follow up of cohorts
Ades 1992	Somewhat representative	Same community	Structured interview	Yes	Study controls for additional factors	Record linkage	Yes	Lost to follow up unlikely to introduce bias
Allen 2004	Somewhat representative	Same community	Structured interview	Yes	Study controls for additional factors	Record linkage	Yes	Lost to follow up unlikely to introduce bias
Armstrong 2014	Somewhat representative	Same community	Structured interview	Yes	Study controls for additional factors	Record linkage	Yes	Lost to follow up unlikely to introduce bias
Blackburn 2000	Somewhat representative	Same community	Secure record	Yes	Study controls for additional factors	No description	No	No statement
Casey 2008	Somewhat representative	Same community	Secure record	Yes	Study controls for additional factors	Independent blind assessment	Yes	Complete follow-up
Caulin- Glasser 2001	Selected group	Same community	Secure record	Yes	Study controls for additional factors	Independent blind assessment	Yes	No statement
Chamosa 2015	Somewhat representative	Same community	Secure record	Yes	Study controls for additional factors	Independent blind assessment	Yes	No statement
Dahhan 2015	Selected group	Same community	Written self-report	Yes	Study controls for additional factors	Self-report	Yes	No statement
Dalleck 2011	Somewhat representative	Same community	Structured interview	Yes	Study controls for additional factors	No description	Yes	No statement

De Feo 2012	Truly representative	Same community	Structured interview	Yes	Study controls for additional factors	Record linkage	Yes	Complete follow-up
Dunlay 2009	Truly representative	Same community	Secure record	Yes	Study controls for additional factors	Record linkage	Yes	Complete follow-up
Gallagher 2003	Selected group	Same community	Secure record	Yes	Study controls for additional factors	Record linkage	Yes	Lost to follow up likely to introduce bias
Grace 2004	Somewhat representative	Same community	Secure record	Yes	No	Record linkage	Yes	Complete follow-up
Grace 2007	Somewhat representative	Same community	Secure record	Yes	Study controls for additional factors	Record linkage	Yes	Complete follow-up
Grace 2008	Selected group	Same community	Secure record	Yes	Study controls for additional factors	Record linkage	Yes	Complete follow-up
Grace 2009	Selected group	Same community	Written self-report	Yes	Study controls for additional factors	Self-report	Yes	Lost to follow up likely to introduce bias
Grace 2011	Somewhat representative	Same community	Secure record	No	Study controls for additional factors	Self-report	Yes	Lost to follow up likely to introduce bias
Grace 2012	Somewhat representative	Same community	Secure record	Yes	Study controls for additional factors	Self-report	Yes	Lost to follow up likely to introduce bias
Grace 2012B	Somewhat representative	Same community	Secure record	Yes	Study controls for additional factors	Self-report	Yes	Lost to follow up likely to introduce bias
Gravely 2013	Somewhat representative	Same community	Secure record	Yes	Study controls for additional factors	Self-report	Yes	Lost to follow up likely to introduce bias
Harkness 2005	Somewhat representative	Same community	Secure record	No	Study controls for additional factors	Record linkage	Yes	Complete follow-up
Johnson 2010	Selected group	Same community	Written self-report	Yes	Study controls for additional factors	Self-report	Yes	No statement

Lieberman 1998	Selected group	Same community	Written self-report	Yes	Study controls for additional factors	Self-report	Yes	Lost to follow up likely to introduce bias
Marzolini 2008	Somewhat representative	Same community	Structured interview	Yes	Study controls for additional factors	Record linkage	Yes	No statement
Mazzini 2008	Somewhat representative	Same community	Secure record	No	Study controls for additional factors	Record linkage	Yes	Complete follow-up
Mikkelsen 2014	Selected group	Same community	Written self-report	Yes	Study controls for additional factors	Self-report	Yes	Lost to follow up likely to introduce bias
Missik 1999	Selected group	Same community	Written self-report	Yes	Study controls for additional factors	Self-report	Yes	Lost to follow up likely to introduce bias
Missik 2006	Selected group	Same community	Written self-report	Yes	Study controls for additional factors	Self-report	Yes	Lost to follow up likely to introduce bias
Mochari 2006	Selected group	Same community	Written self-report	Yes	Study controls for additional factors	Self-report	Yes	Lost to follow up unlikely to introduce bias
Pack 2013	Selected group	Same community	Secure record	Yes	Study controls for additional factors	Record linkage	Yes	Lost to follow up unlikely to introduce bias
Parker 2011	Somewhat representative	Same community	Secure record	Yes	No	Record linkage	Yes	Complete follow-up
Pasquali 2001	Somewhat representative	Same community	Secure record	Yes	Study controls for additional factors	Self-report	Yes	Complete follow-up
Plach 2002	Selected group	Same community	Written self-report	Yes	Study controls for additional factors	Self-report	Yes	No statement
Sanderson 2005	Selected group	Same community	Structured interview	Yes	Study controls for additional factors	Record linkage	Yes	Complete follow-up
Sanderson 2010	Selected group	Same community	Secure record	Yes	Study controls for additional factors	Record linkage	Yes	No statement

Scane 2012	Somewhat representative	Same community	Secure record	Yes	Study controls for additional factors	Record linkage	Yes	Complete follow-up
Wieslander 2005	Selected group	Same community	Written self-report	Yes	Study controls for additional factors	Self-report	Yes	No statement
Stewart Williams 2009	Somewhat representative	Same community	Secure record	Yes	Study controls for additional factors	Record linkage	Yes	Complete follow-up
Worcester 2004	Somewhat representative	Same community	Structured interview	Yes	Study controls for additional factors	Record linkage	Yes	Complete follow-up